WEST Search History

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DATE: Thursday, July 26, 2007

Hide?	Set Name	Query	Hit Count
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR		
☐	L16	L15 and methanone	38
☐	L15	548/517	1008
☐	L14	L13 and methanone	13
☐	L13	544/111	391
☐	L11	L10 and "3-fluorophenyl"	41
☐	L10	L9 and methanone	203
☐	L9	514/326	3033
☐	L8	l1 and methanone	59
☐	L1	546/207	807

END OF SEARCH HISTORY

Connecting via Winsock to STN

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LOGINID:SSSPTA1612RXD

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 16:06:47 ON 26 JUL 2007
FILE 'CAPLUS' ENTERED AT 16:06:47 ON 26 JUL 2007
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	11.48	183.79

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.56	-1.56

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	11.95	184.26

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.56	-1.56

FILE 'REGISTRY' ENTERED AT 16:07:12 ON 26 JUL 2007
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STRUCTURE FILE UPDATES: 25 JUL 2007 HIGHEST RN 943407-83-8
DICTIONARY FILE UPDATES: 25 JUL 2007 HIGHEST RN 943407-83-8

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

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REGISTRY includes numerically searchable data for experimental and
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on property searching in REGISTRY, refer to:

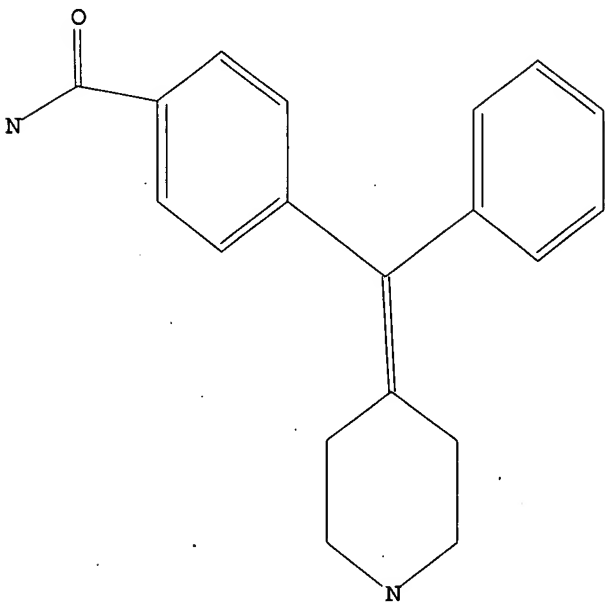
http://www.cas.org/support/stngen/stndoc/properties.html

=>

Uploading C:\Program Files\Stnexp\Queries\10730265.str

L5 STRUCTURE UPLOADED

=> d l5
L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 61 TO ITERATE

100.0% PROCESSED 61 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 752 TO 1688
PROJECTED ANSWERS: 2 TO 123

L6 2 SEA SSS SAM L5

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FULL SCREEN SEARCH COMPLETED - 1094 TO ITERATE

100.0% PROCESSED 1094 ITERATIONS 14 ANSWERS
SEARCH TIME: 00.00.01

L7 14 SEA SSS FUL L5

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL

	ENTRY	SESSION
FULL ESTIMATED COST	172.10	356.36

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.56

FILE 'CAPLUS' ENTERED AT 16:07:47 ON 26 JUL 2007
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FILE COVERS 1907 - 26 Jul 2007 VOL 147 ISS 5
FILE LAST UPDATED: 25 Jul 2007 (20070725/ED)

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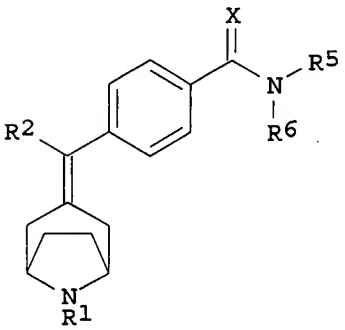
=> s l7
L8 4 L7

=> d abs bib hitstr 1-4

L8 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
GI



I

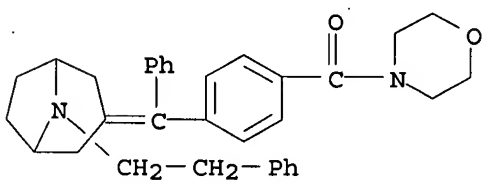
AB The title compds. [I; R1 = H, alkyl, cycloalkylalkyl, heterocyclylalkyl, aralkyl, etc.; R2 = H, halo, CN, benzodioxolyl, etc.; X = O, S; R5-R6 = H,

alkyl] and their pharmaceutically acceptable enantiomers, diastereoisomers and salts, were prepared Thus, tropinone and N,N-diethyl-4-benzoylbenzamide (preparation given) in THF were added to a prerefluxed mixture of TiCl4 and Zn in
THF followed by 3 h reflux to give N,N-diethyl-4-[(8-methyl-8-azabicyclo[3.2.1]oct-3-ylidene)phenylmethyl]benzamide hydrochloride. The latter at 150 μmole/kg orally in mice gave 87% inhibition of acetylcholine bromide-induced abdominal constriction. Depending on their agonist or antagonist effect, I are analgesics, immunosuppressants, antiinflammatory agents, neurol. and psychiatric drugs, medicaments for drug and alc. abuse, agents for treating gastritis and diarrhea, cardiovascular agents and agents for the treatment of respiratory diseases.

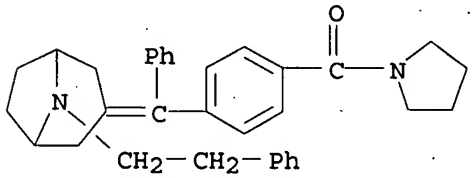
AN 2005:15941 CAPLUS
DN 142:113912
TI Preparation of 3-(diarylmethylene)-8-azabicyclo[3.2.1]octanes as δ- or μ-opioid receptor modulators
IN Coats, Steven J.; Carson, John R.; Neilson, Lou Anne; Pitis, Philip M.; Schulz, Mark J.
PA USA
SO U.S. Pat. Appl. Publ., 42 pp., Cont.-in-part of U.S. Ser. No. 360,859, abandoned.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005004163	A1	20050106	US 2004-767712	20040129
	US 2002115662	A1	20020822	US 2001-791246	20010222
	US 6552036	B2	20030422		
	US 2003181447	A1	20030925	US 2003-360859	20030207
	AU 2006235898	A1	20061130	AU 2006-235898	20061107
PRAI	US 2000-186778P	P	20000303		
	US 2001-791246	A1	20010222		
	US 2003-360859	B2	20030207		
	AU 2001-241676	A3	20010222		
	AU 2001-41676	A	20010222		

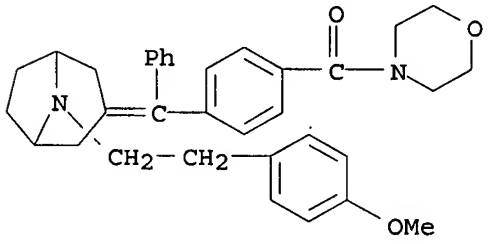
OS MARPAT 142:113912
IT 359862-92-3P 359862-95-6P 359863-17-5P
359863-20-0P 359863-24-4P 359863-44-8P
359863-52-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of diarylmethyleneazabicyclooctanes as δ- or μ-opioid receptor modulators)
RN 359862-92-3 CAPLUS
CN Morpholine, 4-[4-[phenyl[8-(2-phenylethyl)-8-azabicyclo[3.2.1]oct-3-ylidene]methyl]benzoyl]- (9CI) (CA INDEX NAME)



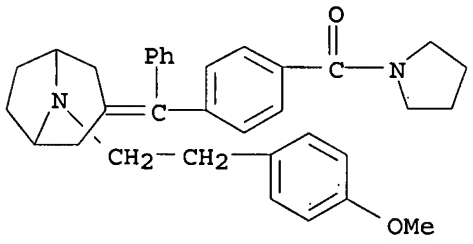
RN 359862-95-6 CAPLUS
CN Pyrrolidine, 1-[4-[phenyl[8-(2-phenylethyl)-8-azabicyclo[3.2.1]oct-3-ylidene]methyl]benzoyl]- (9CI) (CA INDEX NAME)



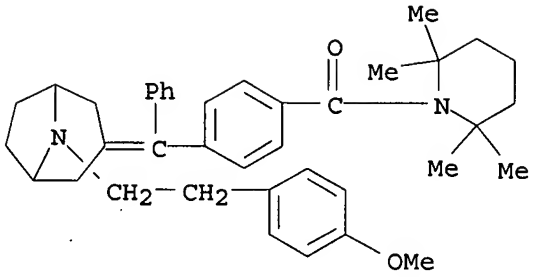
RN 359863-17-5 CAPLUS
CN Morpholine, 4-[4-[[8-[2-(4-methoxyphenyl)ethyl]-8-azabicyclo[3.2.1]oct-3-ylidene]phenylmethyl]benzoyl]- (9CI) (CA INDEX NAME)



RN 359863-20-0 CAPLUS
CN Pyrrolidine, 1-[4-[[8-[2-(4-methoxyphenyl)ethyl]-8-azabicyclo[3.2.1]oct-3-ylidene]phenylmethyl]benzoyl]- (9CI) (CA INDEX NAME)

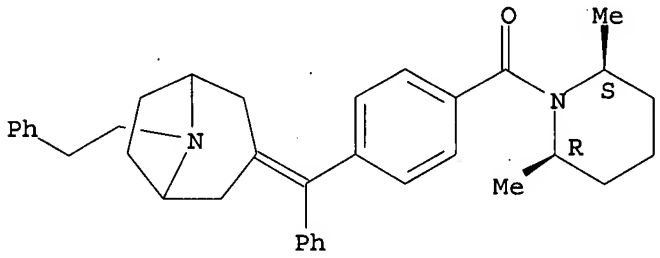


RN 359863-24-4 CAPLUS
CN Piperidine, 1-[4-[[8-[2-(4-methoxyphenyl)ethyl]-8-azabicyclo[3.2.1]oct-3-ylidene]phenylmethyl]benzoyl]-2,2,6,6-tetramethyl- (9CI) (CA INDEX NAME)



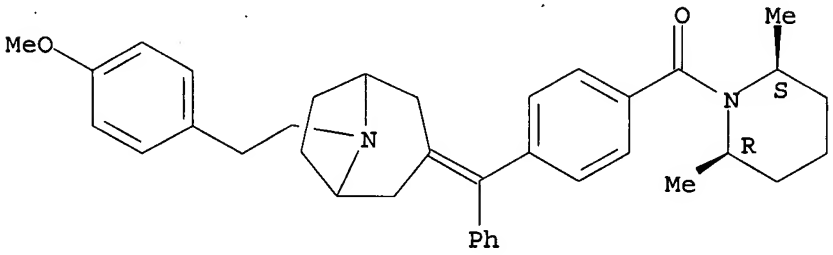
RN 359863-44-8 CAPLUS
CN Piperidine, 2,6-dimethyl-1-[4-[phenyl[8-(2-phenylethyl)-8-azabicyclo[3.2.1]oct-3-ylidene]methyl]benzoyl]-, (2R,6S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

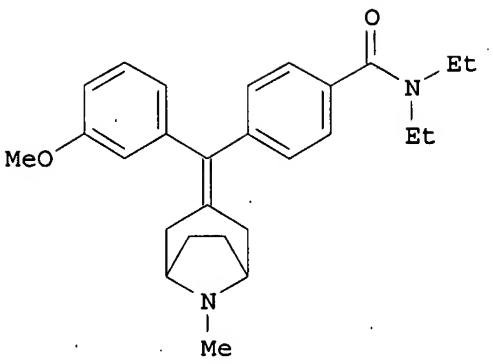


RN 359863-52-8 CAPLUS
CN Piperidine, 1-[4-[[8-[2-(4-methoxyphenyl)ethyl]-8-azabicyclo[3.2.1]oct-3-ylidene]phenylmethyl]benzoyl]-2,6-dimethyl-, (2R,6S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



L8 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
GI



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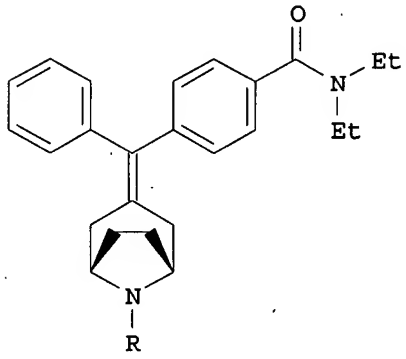


II

AB A series of N,N-dialkyl-4-(9-aryltropanylidenemethyl)benzamides, e.g. I, was prepared The lead compds., II (R = H) and II (R = allyl), exhibited extremely high affinity for the δ opioid receptor with excellent selectivity vs. the μ opioid receptor. They were full agonists at the δ opioid receptor, as assessed by stimulation of GTPγS binding, and displayed antinociceptive activity.

AN 2004:303271 CAPLUS

DN 141:54509

TI N,N-Dialkyl-4-[(8-azabicyclo[3.2.1]-oct-3-ylidene)phenylmethyl]benzamides, potent, selective δ opioid agonists

AU Carson, John R.; Coats, Steven J.; Codd, Ellen E.; Dax, Scott L.; Lee, Jung; Martinez, Rebecca P.; Neilson, Lou Anne; Pitis, Philip M.; Zhang, Sui-Po

CS Drug Discovery, Johnson and Johnson Pharmaceutical Research and Development, LLC, Spring House, PA, 19477-0776, USA

SO Bioorganic & Medicinal Chemistry Letters (2004), 14(9), 2109-2112 CODEN: BMCLE8; ISSN: 0960-894X

PB Elsevier Science B.V.

DT Journal

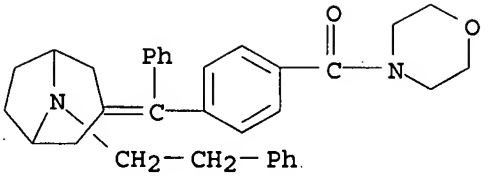
LA English

OS CASREACT 141:54509

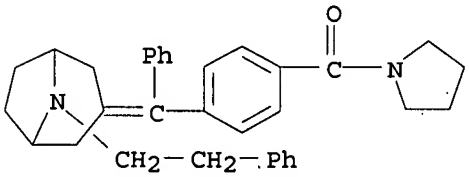
IT 359862-92-3P 359862-95-6P 705279-42-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(N,N-Dialkyl-4-[(8-azabicyclo[3.2.1]-oct-3-ylidene)phenylmethyl]benzamides as potent and selective δ opioid agonists)

RN 359862-92-3 CAPLUS

CN Morpholine, 4-[4-[phenyl[8-(2-phenylethyl)-8-azabicyclo[3.2.1]oct-3-ylidene]methyl]benzoyl]- (9CI) (CA INDEX NAME)

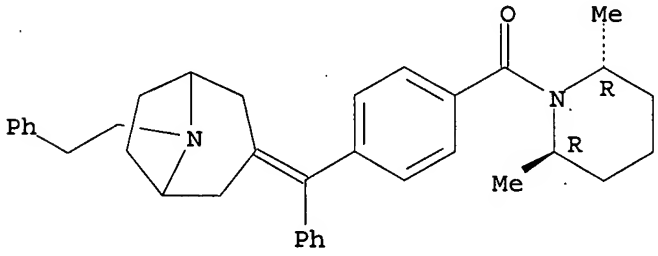


RN 359862-95-6 CAPLUS
CN Pyrrolidine, 1-[4-[phenyl[8-(2-phenylethyl)-8-azabicyclo[3.2.1]oct-3-ylidene]methyl]benzoyl]- (9CI) (CA INDEX NAME)



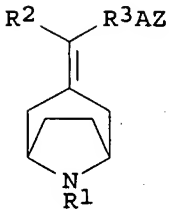
RN 705279-42-1 CAPLUS
CN Piperidine, 2,6-dimethyl-1-[4-[phenyl[8-(2-phenylethyl)-8-azabicyclo[3.2.1]oct-3-ylidene]methyl]benzoyl]-, (2R,6R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
GI



I

AB Title compds. [I; R1 = H, alkyl, haloalkyl, alkenyl, alkoxyalkenyl, alkynyl, alkoxyalkynyl, cycloalkyl, (substituted) heterocyclyl, heterocyclylalkyl, aryl, aralkyl, etc.; R2, R3 = (substituted) aryl, heteroaryl; A = CX, SO2; X = O, S; Z = OR4, NR5R6; R4-R6 = H, (substituted) alkyl, alkoxyalkyl, alkenyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, etc.], were prepared Thus, tropinone and N,N-diethyl-4-benzoylbenzamide (preparation given) in THF were added to a prerefluxed mixture of TiCl4 and Zn in THF followed by 3 h reflux to give N,N-diethyl-4-[(8-methyl-8-azabicyclo[3.2.1]oct-3-ylidene)phenylmethyl]benzamide hydrochloride. The latter at 150 μmole/kg orally in mice gave 87% inhibition of acetylcholine bromide-induced abdominal constriction. Depending on their agonist or antagonist effect, I are analgesics, immunosuppressants, antiinflammatory agents, neurol. and psychiatric drugs, medicaments for drug and alc. abuse, agents for treating gastritis and diarrhea, cardiovascular agents and agents for the treatment of respiratory diseases.

AN 2001:676766 CAPLUS

DN 135:242144

TI Preparation of 3-(diarylmethylene)-8-azabicyclo[3.2.1]octanes as δ- or μ-opioid receptor modulators.

IN Carson, John R.; Coats, Steven J.; Neilson, Lou Anne; Wu, Wu-Nan; Boyd, Robert E.; Pitis, Philip M.

PA Ortho-McNeil Pharmaceutical, Inc., USA

SO PCT Int. Appl., 75 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001066543	A2	20010913	WO 2001-US5735	20010222
	WO 2001066543	A3	20020314		
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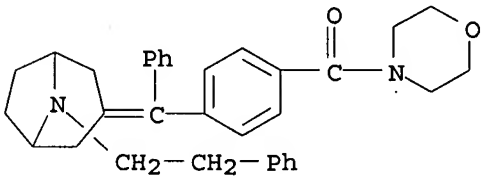
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2402039	A1	20010913	CA 2001-2402039	20010222
	BR 2001008965	A	20021126	BR 2001-8965	20010222
	EP 1263758	A2	20021211	EP 2001-912949	20010222
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2003525938	T	20030902	JP 2001-565359	20010222
	AU 2006235898	A1	20061130	AU 2006-235898	20061107
PRAI	US 2000-186778P	P	20000303		
	AU 2001-241676	A3	20010222		
	AU 2001-41676	A	20010222		
	WO 2001-US5735	W	20010222		

OS MARPAT 135:242144

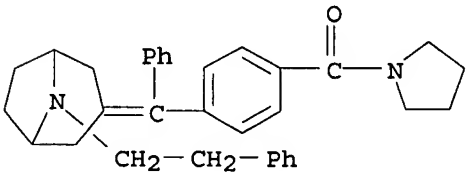
IT 359862-92-3P 359862-95-6P 359862-96-7P
359863-17-5P 359863-20-0P 359863-21-1P
359863-24-4P 359863-44-8P 359863-52-8P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of diarylmethyleneazabicyclooctanes as δ- or μ-opioid receptor modulators)

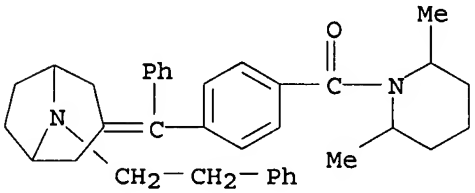
RN 359862-92-3 CAPLUS
CN Morpholine, 4-[4-[phenyl[8-(2-phenylethyl)-8-azabicyclo[3.2.1]oct-3-ylidene]methyl]benzoyl]- (9CI) (CA INDEX NAME)



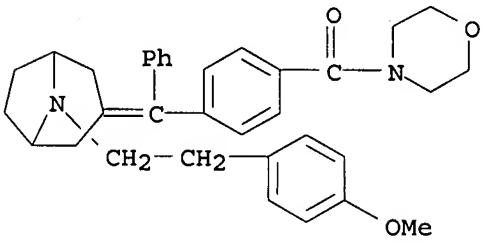
RN 359862-95-6 CAPLUS
CN Pyrrolidine, 1-[4-[phenyl[8-(2-phenylethyl)-8-azabicyclo[3.2.1]oct-3-ylidene]methyl]benzoyl]- (9CI) (CA INDEX NAME)



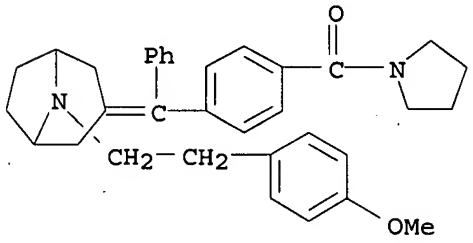
RN 359862-96-7 CAPLUS
CN Piperidine, 2,6-dimethyl-1-[4-[phenyl[8-(2-phenylethyl)-8-azabicyclo[3.2.1]oct-3-ylidene]methyl]benzoyl]- (9CI) (CA INDEX NAME)



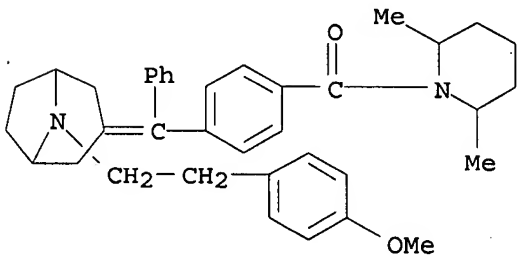
RN 359863-17-5 CAPLUS
CN Morpholine, 4-[4-[[8-[2-(4-methoxyphenyl)ethyl]-8-azabicyclo[3.2.1]oct-3-ylidene]phenylmethyl]benzoyl]- (9CI) (CA INDEX NAME)



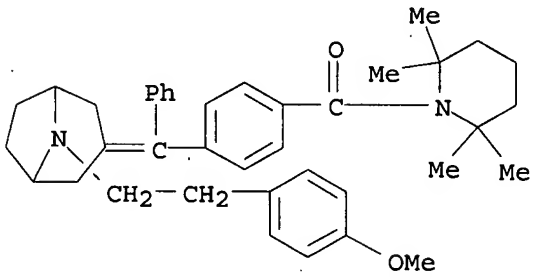
RN 359863-20-0 CAPLUS
CN Pyrrolidine, 1-[4-[[8-[2-(4-methoxyphenyl)ethyl]-8-azabicyclo[3.2.1]oct-3-ylidene]phenylmethyl]benzoyl]- (9CI) (CA INDEX NAME)



RN 359863-21-1 CAPLUS
CN Piperidine, 1-[4-[[8-[2-(4-methoxyphenyl)ethyl]-8-azabicyclo[3.2.1]oct-3-ylidene]phenylmethyl]benzoyl]-2,6-dimethyl- (9CI) (CA INDEX NAME)

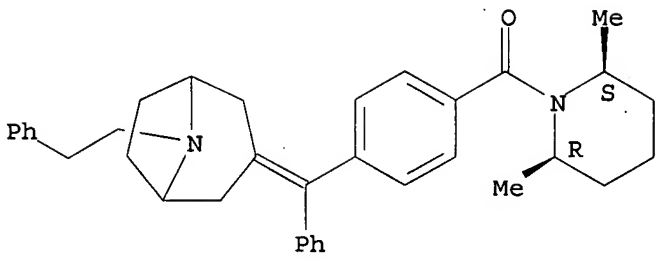


RN 359863-24-4 CAPLUS
CN Piperidine, 1-[4-[[8-[2-(4-methoxyphenyl)ethyl]-8-azabicyclo[3.2.1]oct-3-ylidene]phenylmethyl]benzoyl]-2,2,6,6-tetramethyl- (9CI) (CA INDEX NAME)



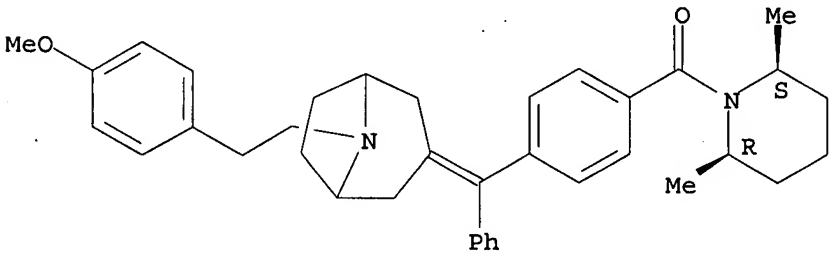
RN 359863-44-8 CAPLUS
CN Piperidine, 2,6-dimethyl-1-[4-[phenyl[8-(2-phenylethyl)-8-azabicyclo[3.2.1]oct-3-ylidene]methyl]benzoyl]-, (2R,6S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

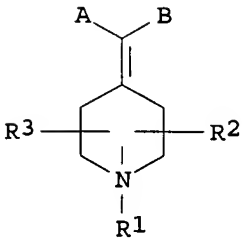


RN 359863-52-8 CAPLUS
CN Piperidine, 1-[4-[[8-[2-(4-methoxyphenyl)ethyl]-8-azabicyclo[3.2.1]oct-3-ylidene]phenylmethyl]benzoyl]-2,6-dimethyl-, (2R,6S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



L8 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
GI



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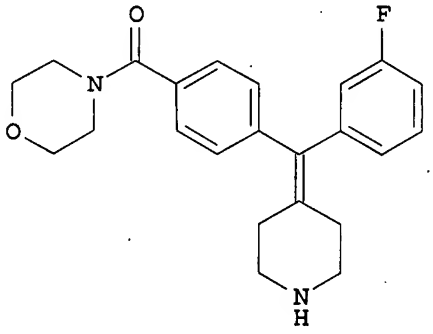

II

AB Compds. of general formula [I; R1 = H, linear or branched C1-6 alkyl, C1-6 alkenyl, C3-8 cycloalkyl, C3-6 cycloalkyl-C1-2 alkyl, C6-10 aryl, heteroaryl having 5 to 10 atoms selected from C, S, N, and O, C1-2 alkyl-(un)substituted C6-10 aryl, C1-2 alkyl-(un)substituted heteroaryl having 5 to 10 atoms selected from C, S, N, and O; R2, R3 = H, C1-6 alkyl; A = N and/or benzene-ring 4-carbamoylphenyl, 4-sulfamoylphenyl, acylaminophenyl, or acylphenyl wherein N and/or benzene-ring are optionally substituted; B = (un)substituted aromatic, heteroarom.,

hydroarom., or heterohydroarom. moieties having 5 to 10 atoms selected from C, S, N, and O atoms] are disclosed and claimed in the present application, as well as their pharmaceutically acceptable salts, pharmaceutical compns. comprising the novel compds., their use in therapy, in particular in the management of pain and in the treatment of gastrointestinal disorders, spinal injuries, disorders of the sympathetic nervous system, and isotopically labeled I as diagnostic agents. The compds. are ligands for opioid receptor, have analgesic effect, and are useful for the treatment of various pain conditions such as chronic pain, acute pain, cancer pain, pain caused by rheumatoid arthritis, migraine, visceral pain, etc. (no data). Thus, tert-Bu 4-[bromo[4-(morpholinocarbonyl)phenyl]methylene]-1-piperidinecarboxylate (preparation given) was coupled with 3-fluorophenylboronic acid in the presence of (PPh3)4Pd and Na2CO3 in aqueous EtOH at 80° for 2 h under N followed by treatment with CF3CO2H and acidification with aqueous HCl to give the title compound (II.HCl).

AN 1998:479508 CAPLUS
DN 129:95406
TI Preparation of 4-[diaryl- or (arylheteroaryl)methylene]piperidine derivatives with analgesic effect
IN Delorme, Daniel; Roberts, Edward; Wei, Zhongyong
PA Astra Pharma Inc., Can.; Astra Aktiebolag (Publ)
SO PCT Int. Appl., 129 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9828275	A1	19980702	WO 1997-SE2050	19971209
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
TW 548271	B	20030821	TW 1997-86118465	19971208
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AU 737999	B2	20010906		
EP 946511	A1	19991006	EP 1997-950538	19971209
EP 946511	B1	20050525		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CN 1246111	A	20000301	CN 1997-181814	19971209
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HU 200000610	A3	20001030		
NZ 336029	A	20010330	NZ 1997-336029	19971209
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	ES 2241060	T3	20051016	ES 1997-950538	19971209
	IN 1997DE03689	A	20050311	IN 1997-DE3689	19971218
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	MX 9905666	A	20000131	MX 1999-5666	19990617
	NO 9903022	A	19990820	NO 1999-3022	19990618
	NO 313670	B1	20021111		
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PRAI	SE 1996-4785	A	19961220		
	SE 1997-2535	A	19970701		
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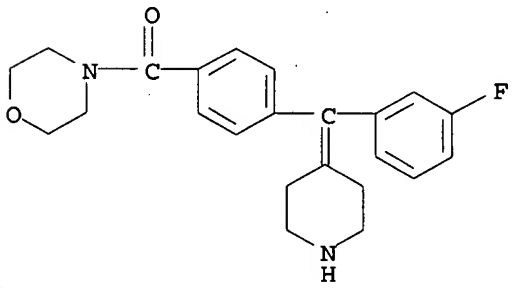
	US 2001-761833	A1	20010118		
	US 2002-222990	A1	20020819		

OS MARPAT 129:95406

IT 209807-83-0P 209807-84-1P 209807-85-2P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of [diaryl- or (arylheteroaryl)methylene]piperidine derivs. with analgesic effect)

RN 209807-83-0 CAPLUS

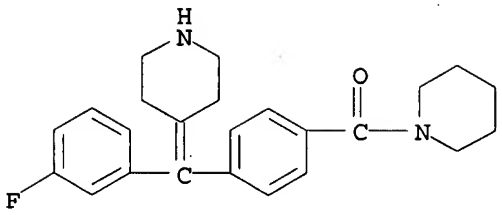
CN Morpholine, 4-[4-[(3-fluorophenyl)-4-piperidinylidenemethyl]benzoyl]-, monohydrochloride (9CI) (CA INDEX NAME)



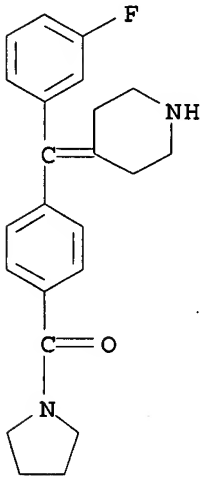
● HCl

RN 209807-84-1 CAPLUS

CN Piperidine, 1-[4-[(3-fluorophenyl)-4-piperidinylidenemethyl]benzoyl]- (9CI) (CA INDEX NAME)



RN 209807-85-2 CAPLUS
CN Pyrrolidine, 1-[4-[(3-fluorophenyl)-4-piperidinylidenemethyl]benzoyl]-
(9CI) (CA INDEX NAME)



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT